



Analysis and technical functional modelling for the improvement of the vessel traffic management in the Adriatic Region

Assessment of Communication Frequency in the Adriatic Region

Version 1.1



Easyconnecting Project code 1 str./0002
This Project is co-funded by the European Union,
Instrument for Pre-Accession Assistance

ASSESSMENT OF FREQUENCY

The assessment on the frequencies was made to have a mapping of all active communication channels in the Adriatic Region. The assessment was carried out through a survey performed with the Administrations by specific template for collection of information

COUNTRY	City	FREQUENCY	MESSEGE PASS BY FREQUENCY	TYPE OF FREQUENCY
<i>Country that use the frequency</i>	<i>City</i>	<i>Code of frequency (CH)</i>	<i>Message that is transmitted by the reported frequency</i>	<i>Radio, Radar, ect.</i>
Albania	Vlore	CH 12	Voice message, on request or when needed	VHF Radio
Albania	Durres	CH 15	Voice message, on request or when needed	VHF Radio
Albania	Shengjin	CH 71	Voice message, on request or when needed	VHF Radio
Croatia	All Territory	VHF	VTS RADIO TRAFFIC	CH 9,10,12,14,60,62
Croatia	All Territory	VHF	WEATHER FORECAST	CH67, 69,73
Croatia	All Territory	X BAND (9.1 - 9.5 GHz), S BAND (3.0 GHz)	RADAR Signal	RADAR X BAND & S BAND
Croatia	All Territory	AIS	AIS Messaging	AIS
Italy	Ravenna	156.800 MHz CH 16	Rescue	VHF/FM
Italy	Ravenna	156.700 MHz CH 14	Primary for communications with aeronavali involved	VHF/FM
Italy	Ravenna	156.500 MHz CH 10	Secondary for communications with aeronavali involved	VHF/FM
Italy	Ravenna	156.550 MHz CH 11	For Pilot communications	VHF/FM
Italy	Ravenna	156.600 MHz CH 12	Pilot's Working channel, tugs	VHF/FM
Italy	Ravenna	155.900MHz C6	Working channel (primary working channel for ITCG)	VHF/FM
Italy	Ravenna	155.850 MHz (C5)	Working channel (secondary working channel for ITCG)	VHF/FM
Italy	Ravenna	156.45 MHz CH9	Avvisatore Marittimo Ravenna	VHF/FM
Italy	Ravenna	156.375MHz (CH67)	local marine	VHF/FM
Italy	Ravenna	155.750 MHz (CH 04)	Air-Maritime Rescue	VHF/FM
Italy	Ravenna	155.925 MHz (CH 7)	Working channel - Compamare Rimini	VHF/FM
Italy	Ravenna	156.650 MHz (CH13)	Working channel Supply Vessel Platform	VHF/FM
Italy	Ravenna	156.750 MHz (CH 15)	Working channel (POLIGONO FOCE FIUME RENO)	VHF/FM
Italy	Ravenna	119.100 MHz	TWR Rimini	VHF/AM
Italy	Ravenna	121.500 MHz	Secondary working channel for communication during the rescue operation with all means aircraft	VHF/AM

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Italy	Ravenna	130.000 MHz	Secondary working channel for communication during the rescue operation with all means aircraft	VHF/AM
Italy	Ravenna	122.100 MHz	Torre Cervia	VHF/AM
Italy	Ravenna	123.100 MHz	Secondary working channel for communication during the rescue operation with all means aircraft	VHF/AM
Italy	Ravenna	6967.500 KHz	Between AEROMOBILI E VIII MRSC	HF /SSB
Italy	Ravenna	7963.000 KHz	Secondary between AEROMOBILI E VIII MRSC	HF /SSB
Italy	Venice	CH 16 VHF (for all)	Emergency	Radio
Italy	Venice	CH 14 VHF	Working channel (primary working channel for ITCG Chioggia)	Radio
Italy	Venice	CH 11 VHF	Working channel (primary working channel for ITCG Caorle)	Radio
Italy	Venice	CH 11 VHF	Working channel (primary working channel for ITCG Jesolo)	Radio
Italy	Venice	CH 11 VHF	Working channel (primary working channel for ITCG Venice and for Venice VTS(currently in PRE-IOC))	Radio
Italy	Venice	CH 10 - 11 VHF	Working channel (primary working channels for Venice Adrirep)	Radio
Italy	Venice	CH 10 - 11 VHF	Working channel (primary working channel for Chioggia Adrirep)	Radio
Italy	Venice	X-Band, 9.3 Ghz	Venice VTS - SSR Malamocco	Radar
Italy	Venice	X-Band, 9.3 Ghz	Venice VTS - SSR Piave Vecchia	Radar
Italy	Venice	X-Band, 9.3 Ghz	Venice VTS - SSR Punta della Maistra	Radar
Italy	Venice	CH 12 VHF	Working channel - Venice Port Informer	Radio
Italy	Venice	CH 13 VHF	Working channel - Venice Pilot(s) (Service)	Radio
Italy	Venice	CH 10 VHF	Working channel - Venice Tug(s) (Service)	Radio
Italy	Venice	CH 10 VHF	Working channel - Venice Mooring(s) Service	Radio
Italy	Venice	CH 14 VHF	Working channel - Chioggia Pilot(s) (Service)	Radio
Italy	Venice	CH 14 VHF	Working channel - Chioggia Tug(s) (Service)	Radio
Italy	Venice	CH 14 VHF	Working channel - Chioggia Mooring(s) Service	Radio

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Italy	Trieste	CH 16 VHF (for all)	Emergency - First Contact	Radio
Italy	Trieste	CH 11 VHF	Harbour's Working channel / VTS CHANNEL (primary work channel for ITCG Trieste)	Radio
Italy	Trieste	CH 10 VHF	Adrirep channel (work channel for ITCG Trieste)	Radio
Italy	Trieste	CH 14 VHF	Pilot's Working channel (primary work channel for ITCG Trieste)	Radio
Italy	Trieste	CH 12 VHF	Harbour's Working channel (primary work channel for ITCG Monfalcone)	Radio
Italy	Trieste	CH 12 VHF	Harbour's Working channel (primary work channel for ITCG Grado)	Radio
Italy	Trieste	CH 12 VHF	Harbour's Working channel (primary work channel for ITCG Porto Nogaro)	Radio
Italy	Trieste	CH 68 VHF	Navigational warning - COASTAL RADIO STATION	Radio
Italy	Trieste	X-Band, 9200 ÷ 9500 Mhz	Trieste VTS - RRS MONTE BELVEDERE	Radar
Italy	Trieste	X-Band 9375 MHz ± 50 MHz	TRIESTE VTS - RRS MOLO V	Radar
Italy	Trieste	X-Band 9375 MHz ± 50 MHz	Monfalcone VTS - RRS Cassa di colmata	Radar
Italy	Trieste	X-Bnad 9375 MHz ± 50 MHz	Monfalcone VTS - RRS Punta Tagliamento	Radar
Italy	Bari	CH 16 VHF	EMERGENCY	Radio
Italy	Bari	CH 12 VHF	Work channel (primary work channel for ITCG Vieste)	Radio
Italy	Bari	CH 14 VHF	Work channel (primary work channel for ITCG Manfredonia)	Radio
Italy	Bari	CH 12 VHF	Work channel (primary work channel for ITCG Barletta)	Radio
Italy	Bari	CH 14 VHF	Work channel (primary work channel for ITCG Molfetta)	Radio
Italy	Bari	CH 14 VHF	Work channel (primary work channel for ITCG Bari and for Bari VTS)	Radio
Italy	Bari	CH 14 VHF	Work channel (primary work channel for ITCG Monopoli)	Radio
Italy	Bari	CH 10 VHF	Work channel (primary work channel for ITCG Brindisi and for Brindisi VTS)	Radio
Italy	Bari	CH 10 VHF	Work channel (primary work channel for Brindisi Adrirep)	Radio
Italy	Bari	CH 11 VHF	Work channel	Radio

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Italy	Bari	X-Band, 9.3 Ghz	Bari VTS - SSR Molo Foraneo	Radar
Italy	Bari	X-Band, 9.3 Ghz	Work channel (Bari VTS - SSR Monte San Nicola)	Radar
Italy	Bari	X-Band, 9.3 Ghz	Brindisi VTS	Radar
Italy	Bari	CH 11 VHF	Work channel - Avvisatore Marittimo di Brindisi	Radio
Italy	Bari	CH 11 VHF	Work channel - Avvisatore Marittimo di Bari	Radio
Italy	Pescara	156.800 MHz - (CANALE 16)	CALL EMERGENCY, CALL SERVICE	Radio
Italy	Pescara	2182 kHz – Frequenze HF	CALL EMERGENCY	Radio
Italy	Pescara	VHF/AM 118.450 MHz	AVIATION EMERGENCY, DIRECT PESCARA AIRPORT CONTROL TOWER	Radio
Italy	Pescara	VHF/AM 121,500 MHz	AVIATION EMERGENCY	Radio
Italy	Pescara	UHF/FM-AM 290,550 MHz	FREQUENCY DEDICATED AIRCRAFT COAST GUARD	Radio
Italy	Ancona	CH 16 VHF (for all)	EMERGENCY	Radio
Italy	Ancona	CH 11- 14 VHF	Work channel (primary work channel for ITCG Ancona)	Radio
Italy	Ancona	CH 12 VHF	Work channel (primary work channel for Port Services- Ancona)	Radio
Italy	Ancona	CH 13 VHF	Work channel (primary work channel for CCAP/VMS Ancona)	Radio
Italy	Ancona	CH 10 VHF	Work channel (primary work channel for Ancona ADRIREP)	Radio
Italy	Ancona	CH 14 VHF	Work channel (primary work channel for ITCG San Benedetto Del Tronto)	Radio
Italy	Ancona	CH 11 VHF	Work channel (primary work channel for ITCG Pesaro)	Radio
Italy	Ancona	CH 09 VHF	Work channel -primary work channel for ITCG Pesaro (only for fishing vessel)	Radio
Italy	Ancona	CH 14 VHF	Work channel (primary work channel for ITCG Civitanova Marche)	Radio
Italy	Ancona	CH 14 VHF	Work channel - (primary work channel for ITCG Fano)	Radio
Italy	Ancona	CH 12 VHF	Work channel (primary work channel for ITCG Porto San Giorgio)	Radio
Montenegro	Bar	VHF Marine bands	ITU M.1371-4	AIS

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Montenegro	Bar	X- Band	Radar X-Band	RADAR
Montenegro	Bar	VHF Marine bands		RDF
Montenegro	Bar	VHF Marine bands		DSC
Montenegro	Bar	VHF Marine bands	VHF Voice communications	VHF
Slovenia	Koper	AIS 1 & 2	AIS Messaging	Radio (AIS)
Slovenia	Koper	VHF (mainly used: 16, 12, 8, 7 & DSC)	VHF Voice communications	Radio (VHF; Voice and DSC)
Slovenia	Koper	X-band (Solid state coherent radar)	RADAR Signal	X band RADAR